

Question 2

How many significant figures does each of the following numbers have?

- a. 290 b. 2.90×10^4 c. 0.0029 d. 2.90
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Solution

Leading zeros don't count as significant figures, but trailing zeros after the decimal point do count.

- Either 2 or 3 significant figures, depending whether the uncertainty lies in the tens place (9) or the ones place (0), respectively.
- 3 significant figures
- 2 significant figures
- 3 significant figures